



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

van Hook *et al.*

Appl. No. 09/662,832

Filed: September 15, 2000

For: **Alignment and Ordering of  
Vector Elements for Single  
Instruction Multiple Data  
Processing**

Confirmation No. 2552

Art Unit: 2183

Examiner: Pan, Daniel H.

Atty. Docket: 1778.0100002

**RECEIVED**

SEP 11 2003

Technology Center 2100

**Third Supplemental Information Disclosure Statement**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent

application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement (IDS) is being filed concurrently with the filing of a Request for Continued Examination under 37 C.F.R. § 1.114. No statement or fee is required for the filing of this IDS. 37 C.F.R. § 1.97(b).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



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Date: 9/8/03

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SKGF\_DC1:154752.1



FORM PTO-1449 <b>THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>		ATTY. DOCKET NO. 1778.0100002	APPLICATION NO. 09/662,832
		APPLICANTS van Hook et al.	
		FILING DATE September 15, 2000	GROUP 2183

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA1		4,511,990	04/1985	Hagiwara et al.			
AB1		4,879,676	11/1989	Hansen			
AC1		5,185,713	2/9/93	Kobunaya			
AD1		5,392,228	02/1995	Burgess et al.			
AE1		5,517,438	05/1996	Dao-Trong et al.			
AF1		5,550,768	08/1996	Ogilvie et al.			
AG1		5,726,927	03/1998	Wolrich et al.			09/11/1995
AH1		5,729,724	03/1998	Sharangpani et al.			12/20/1995
AI1		5,774,709	06/1998	Worrell			12/06/1995

## FOREIGN PATENT DOCUMENTS

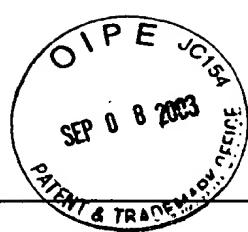
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AJ							Yes No
AK							Y s No
AL							Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AM	1	Gwennap, L., "UltraSparc Adds Multimedia Instructions," <i>Microprocessor Report</i> , MicroDesign Resources, Vol. 8, No. 16, December 5, 1994, pages 1-3.
	AN	1	Gwennap, L., "Intel's MMX Speeds Multimedia," <i>Microprocessor Report</i> , MicroDesign Resources, Vol. 10, No. 3, March 5, 1996, pages 1-6.
	AO	1	Heinrich, J., <i>MIPS R4000 Microprocessor User's Manual</i> , Second Edition, MIPS Technologies Inc., 1994, Pages 154-155, 157, 159, 161, 168, 170-171, B-9-10, B-13, B-17, B-19, B-21, B-23, B-27, B-38, B-40, and B-62.
	AP	1	<i>IEEE Standard for Binary Floating-Point Arithmetic</i> , IEEE, 1985, pages i-vi and 1-14.
	AQ	1	<i>TMS32010 User's Guide</i> , Texas Instruments Incorporated, 1983, page 1183.

EXAMINER	DATE CONSIDERED
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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA2		5,790,827	08/1998	Leung			06/20/1997
AB2		5,809,294	09/1998	Ando			01/30/1996
AC2		5,815,695	09/1998	James et al.	SEP 11 2003		06/07/1995
AD2		5,848,269	12/1998	Hara			08/11/1997
AE2		5,852,726	12/1998	Lin et al.	Technology Center 2100		12/19/1995
AF2		5,867,682	02/1999	Witt et al.			02/09/1996
AG2		5,880,984	03/1999	Burchfiel et al.			01/13/1997
AH2		5,953,241	09/1999	Hansen et al.			05/16/1997
AI2		6,065,115	05/2000	Sharangpani et al.			04/10/1998

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ						Yes No
	AK						Yes No
	AL						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AM	2	VIS™ Instruction Set User's Manual, Sun Microsystems, Inc., 1997, pages i-xii and 1-136, <a href="http://www.nondot.org/sabre/os/files/processors/VISInstructionSetUsersManual.pdf">http://www.nondot.org/sabre/os/files/processors/VISInstructionSetUsersManual.pdf</a> .
	AN		
	AO		
	AP		
	AQ		

EXAMINER	DATE CONSIDERED
<b>EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	